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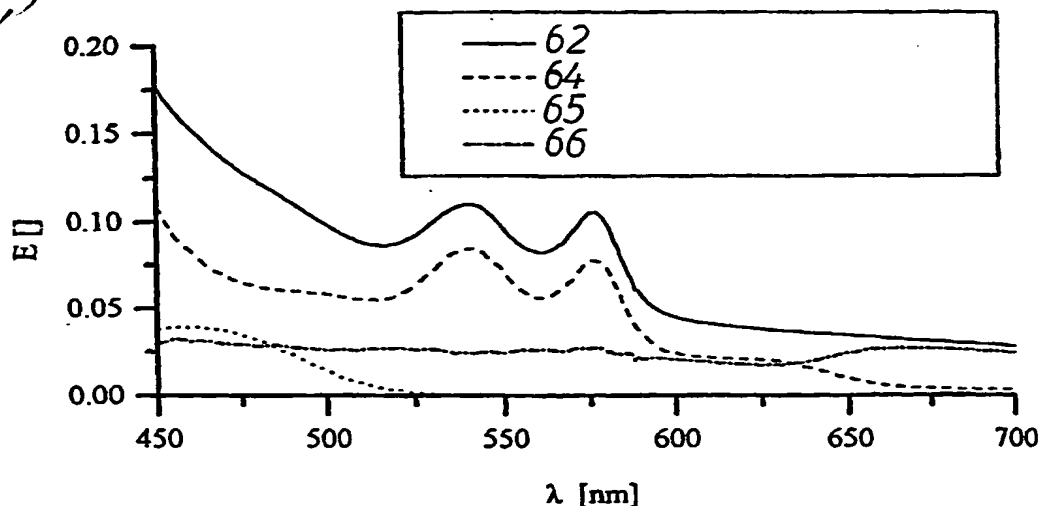
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(54) Title: **METHOD AND APPARATUS FOR EXAMINING FLUIDS OF BIOLOGICAL ORIGIN**



(57) Abstract: An extinction spectrum is approximated in a first wavelength range by a combination of a merely theoretical curve and the spectrum of the pure first substance in a first wavelength range, and this evaluation is repeated in a second wavelength range by approximating the measured spectrum (62) by a combination of a hypothetical curve, the spectrum (64) of the first component with the already determined concentration, and the spectrum (65) of the pure second component. The hypothetical curves are preferably straight lines which are defined by slope and ordinate section. In the praxis of the quality test of blood, bilirubin and hemoglobin may be quantitatively determined, whilst the background together with the lipid component can be qualitatively examined by means of the differential spectrum.

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